
**CONSTRUCTION MANAGER'S
WEEKLY STATUS REPORT
FOR THE WEEK**

09/25/08 – 09/30/08

**RECONSTRUCTION OF BENNING ROAD, NE
FROM 14TH AND H STREET TO OKLAHOMA AVENUE
CONTRACT NO. POKA 2005 - C - 0031 – CB**



Installation of the 12" Ductile Iron Pipe at the 1500 Block median.



Benning Rd Reconstruction
Project Field Office
1322A H Street NE
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EXECUTIVE SUMMARY

Project Description

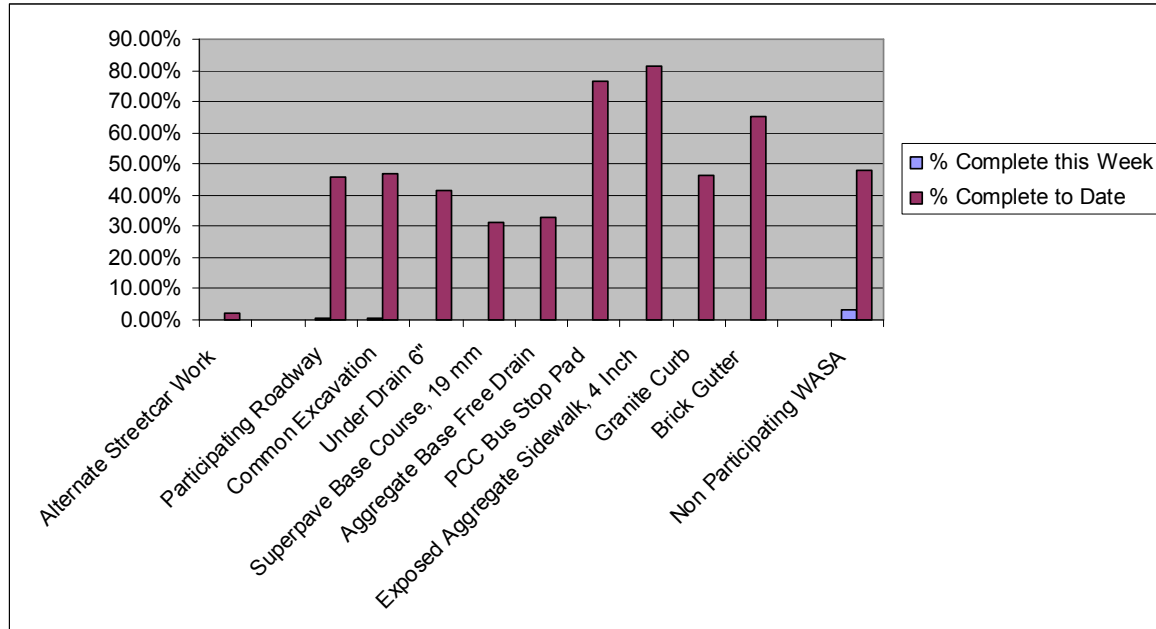
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14th and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3rd Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



WORK PERFORMED

For the week ending September 30, 2008, the following specific construction progress has been made in the areas listed:

1. **Thursday 09/25:**

Benning Road:

Installation of cobble-stone pavers on the south side between 20th Street and 21st Street. Installation of the geo-fabric, placement of the graded aggregate base and the compaction of the roadway on the south side from 20th Street and 21st Street. Commencement of the new MOT installation from Oklahoma Ave to 142+95. Excavation and Installation of the 12" and 6" Ductile Iron Pipe and Backfill of the 6" Ductile Iron Pipe in the median from 96+40 to 96+73+/-.

Bladensburg Rd/ Morse Street:

Continuation of working on Watermain "D" while tracing for possible leaks.

Florida Ave:

Installation of 4 - #16 Cast iron Light Poles (LF#2, #4, #6, #8).

15th Street:

Installation of 1 - #16 Cast Iron Light Pole.

Maryland Ave.:

Installation of 1 - #16 Cast Iron Light Pole.

H Street:

Installation of 1-2" 27.000LF Encased Electrical Conduit. Installation and encasement of 4 laterals between 14th Street and 15th Street.

PEPCO work:

Continuation of excavation/ shoring work. Installation of 230LF of the 10 way 5" fiberglass ductbank for the PEPCO feederline. Placement of concrete in the completion of manhole construction. Completion and general cleanup of man hole. Continuation of the excavation of the trenching and the shoring of the trench.



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2. Friday 09/26:

Benning Road:

Commencement of the work on the placement of the Maintenance of Traffic (Sub-phase "A") and the start of the demolition work of the roadway on the south side between 18th Street and 19th Street. Continuation of the installation of the 12" ductile iron pipe for Watermain "A" in the median between the station (96+73 to 97+15+/-).

Bladensburg Rd/Morse St:

Work on the trenching/ backfill/ Shoring and the placement of the steel plates and coldmix.

PEPCO work:

Installation of additional 40' of 10 way 5" Fiberglass ductbank for the PEPCO Feederline. Excavation of the trench line for the installation of the feederline. Continuation of the excavation of the trenching and the shoring of the trench.

3. Saturday 09/27:

Benning Road:

Demolition and Excavation of the roadway at the 1900 Block.

Bladensburg Rd/Morse St/H Street:

Performance of temporary surface repair work and general cleanup work.

4. Sunday 09/28:

No work completed.



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5. Monday 09/29:

Benning Road:

Excavation of the roadway on the south side between 17th Street and 18th Street. Excavation for and the installation of the 18" PCC Pipe between man hole #10A and man hole #14 on the south side between 17th Street and 18th Street. Installation of the 12" Ductile Iron Pipe along the south side between 19th Street and 20th Street. Installation of the 12" & 6" ductile Iron Pipe, to include Tee, Valve and Casing/ Backfilling at the 1500 Block in the median.

Bladensburg Rd/ Morse Street:

Contractor successfully conducted the pressure test on watermain D.

PEPCO work:

Complete work on the backfill and trenching, and topped off backfilled trench with 4" of Hot Mix between stations 142+95 to 144+82+/- . Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Installation of additional 70' of 10 way 5" Fiberglass ductbank for the PEPCO Feederline.



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6. Tuesday 09/30:

Benning Road:

Placement of the 25mm free drain base course at the south east corner of 20th Street, the south east corner of 21st Street, the south west corner of 23rd Street, and the south west corner of 24th Street. Placement of the 1st lift of 19mm Superpave Asphalt at the south west corners of 23rd Street and 24th Street. Placement of concrete for the floor of manhole #14, the installation of the 18" PCC pipe between man hole #14 and man hole #13 and the installation of the 18" PCC pipe between man hole #14 and man hole #10A on the south side at 18th Street. Installation of the 12" ductile Iron pipe on the south side between 19th Street and 20th Street. Relocation of the light pole to a temporary base on the south side at 18th Street. Excavation work for and the installation of the 12" Ductile iron Pipe with bends in the median at the 1500 Block. Backfill and the placement of the temporary Asphalt over the backfilled trench in the median at the 1500 Block.

Bladensburg Rd/ Morse Street @ Intersection:

Borrow Trench Backfill and placement of the temporary asphalt over the backfilled trench.

PEPCO work:

Installation of additional 300' of 10 way 5" Fiberglass ductbank for the PEPCO Feederline. Excavation of the trench line for the installation of the feederline. Work also completed on the encasement of the installed ductbank. Continuation of the excavation of the trenching and the shoring of the trench.

Utilities Reconstruction Update 9-30-08

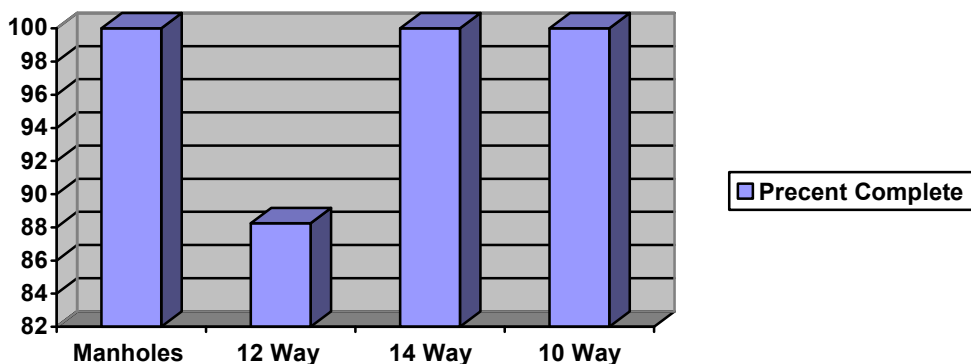
PEPCO:

Distribution Line Duct Bank Construction:

| | | | | | |
|-------------------------|-------|-----------------|-------|------------|--------|
| Manholes Completed: | 20 | Total Manholes: | 20 | %Complete: | 100% |
| 12 Way Length Complete: | 6851' | Total Length: | 7764' | %Complete: | 88.24% |
| 14 Way Length Complete: | 1619' | Total Length: | 1619' | %Complete: | 100% |
| 10 Way Length Complete: | 34' | Total Length: | 34' | %Complete: | 100% |

Note: Over 45 days behind schedule. Schedule overrun is impacting critical intersection completion at 19th Street.

- 500 feet additional 12 Way has been reported to be complete this week.
- Work on the Starburst Area distribution line construction, between 14th Street and 16th Street, has yet to be started. Percent complete for this work is 0%. The projected start date is February 2009 and the completion is projected to be in November 2009. The design development for this work is to be completed between September 2008 and January 2009. Condensation of the design phase schedule is recommended due to the fact that this delayed start of work will continue to impact the production of the Capitol Paving work for the project.



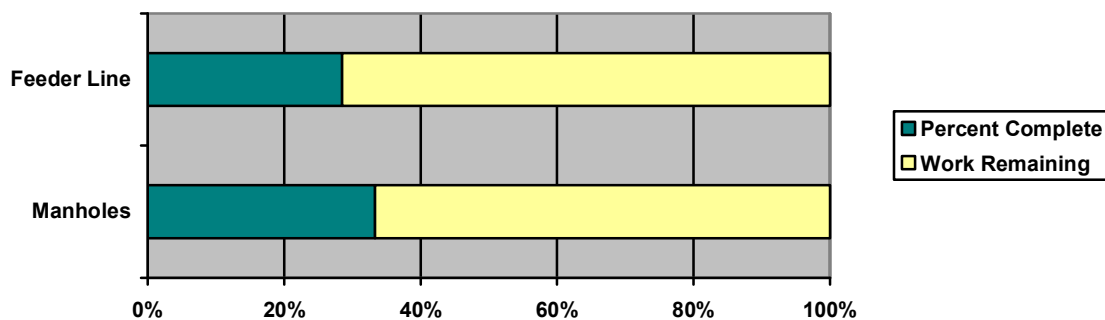
PEPCO Feeder Line Replacement:

4000' total feeder
6 Manholes total

1140 feet complete
2 completed

28.5% complete
33.3% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days.



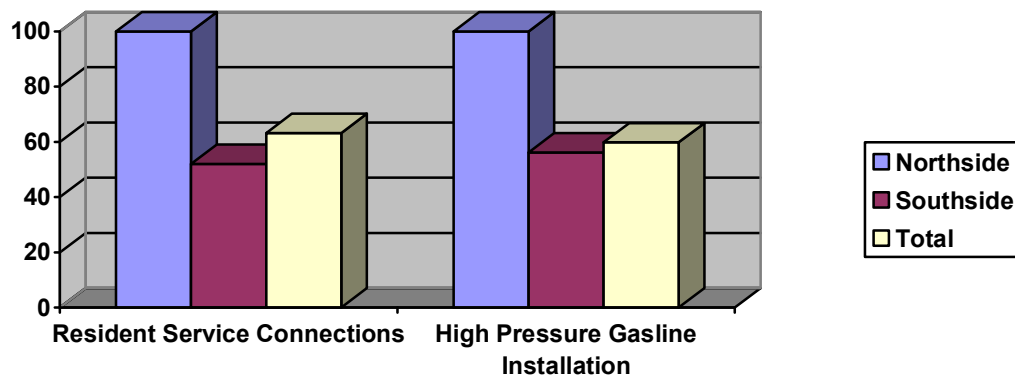
- 420 feet of feeder line was installed within this weekly report period
- Work on 2 manholes has been completed this week. Two manholes have been completed to date.

The delay in the start of this work has impacted the production of Capitol Paving work. Production from Capitol Paving has been reduced by 66% on a weekly basis.

Washington Gas:

Schedule for the Resident Service Connections and High Pressure gas line installation is on track.

Graph: Percent of Work Completed



Northside:

| | | | | | |
|----------------------------|-------|-------------------|-------|------------|------|
| Completed Connections: | 43 | Total Connections | 43 | %Complete: | 100% |
| Gas Main install complete: | 1290' | Total Length | 1290' | %Complete: | 100% |

Work completed this week: 11 Connections completed
400' of Gas Main installed

Southside:

| | | | | | |
|----------------------------|-------|-------------------|-------|------------|-------|
| Completed Connections: | 23 | Total Connections | 44 | %Complete: | 52% |
| Gas Main install complete: | 1870' | Total Length | 3325' | %Complete: | 56.2% |

Project Totals:

| | | | | | |
|----------------------------|-------|-------------------|-------|------------|-------|
| Completed Connections: | 66 | Total Connections | 87 | %Complete: | 75.9% |
| Gas Main install complete: | 3160' | Total Length | 4615' | %Complete: | 68.5% |

Clear Channel:

Four bus stops requiring electrical connections have been completed.

An additional bus stop shelter was installed at 19th Street. Electrical connections for this shelter are pending.



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Attachment A:

**RECONSTRUCTION OF BENNING ROAD N.E.
TWO WEEK LOOK AHEAD SCHEDULE
STARTING 9-30-08 TO 10-14-08**

Bladensburg Rd. & Morse St

- **9-30-08 Continue Watermain D & I (10 days)**

15th & Benning S/S

- **9-30-08 Continue with Watermain A (10 days)**

17th & Benning Rd.

- **9-30-08 Begin installation of underdrain system (8 days)**

20th & Benning Rd. S/S

- **9-30-08 Continue with Watermain A (10days)**

18th & Benning Rd. S/S

- **9-30-08 Continue laying pipe from EXMH10A to MH13 (6 days)**
- **9-30-08 Begin construction of MH10 (3 days)**
- **10-1-08 Lay pipe from MH10 to MH7 which includes MH 7, 8, & 9. (10Days)**
- **10-6-08 Begin construction of CB11A & CB14 (4 days)**

Asphalt Work (Intersections of 20th, 21st, 23rd PI, and 24th Sts.)

- **9-30-08 to 10-1-08 weather permitting**

Attachment B: Progress Photos of Work Performed this Week



Installation of the Cobble-Stone Pavers on the south side between 20th Street and 21st Street.



Demolition of the existing Roadway between 17th Street and 19th Street.



Placement of the graded aggregate base at for the roadway at 21st Street.



Installation of water main "T" connection at Watermain "A".



Demolition and Excavation for the installation of the Ductile Iron Pipe for Watermain "A".



Backfill and Placement of Temporary Asphalt over the trench from the installation of the Watermain "A" section.